

FAX TRANSMISSION

To: Indian Queen Marble
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Division of Oil, Gas and Mining
Minerals Program

Baseline Soils and Overburden
Recommended Laboratory Analyses
for each soil type to be disturbed

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|---------------------------|-----------------------------------|
| 1. Texture | 7. CEC (cation exchange capacity) |
| 2. pH | 8. Total nitrogen |
| 3. EC (conductivity) | 9. Nitrate nitrogen |
| 4. SAR | 10. Phosphorus (as P_2O_5) |
| 5. Saturation Percentage | 11. Potassium (as K_2O) |
| 6. Percent Organic Matter | |

Provide a soils map which identifies the extent of each soils type within the permit area (it may be possible to obtain this map from the Soil Conservation Service), and show the location(s) of any proposed topsoil and overburden stockpiles.

Provide an estimate of the average depth of soil and the volume of soil material that can be salvaged and used later for reclamation (please note, even an inch or two of topsoil can greatly improve reclamation success!).

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